

REMARKS

In the Office Action dated April 20, 2004, the Examiner stated that claims 2-5, 7-9, 29-33, 35-41, 62-75, 78-80, 82, and 83 are subject to a restriction and/or election requirement. Particularly, the Examiner grouped the claims as follows:

<u>Group</u>	<u>Species</u>	<u>Claims</u>	<u>Class Description</u>
I	A	2-5, 7-9, 62-65, 71-75, 82, and 83	Drawn to system having controller that includes current detecting device, classified in class 175, subclass 4.54.
I	B	66-70	Drawn to system having controller that includes current limiting device, classified in class 175, subclass 4.54.
II	--	29-33, 35-40, 79, and 80	Drawn to method for storing inventory identifiers, classified in class 705, subclass 28.
III	--	41	Drawn to a method for storing a distance between a casing collar locator and one or more shots, classified in class 166, subclass 250.01.

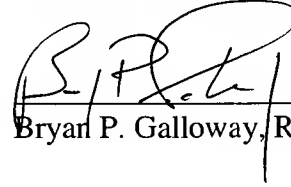
In response to the restriction requirement, Applicant elects the invention claimed in group I, species A (claims 2-5, 7-9, 62-65, 71-75, 82, and 83). As a result, the status of the claims is as follows: the elected claims are 2-5, 7-9, 62-65, 71-75, 82, and 83; and claims 29-33, 35-41, 66-70, 79, and 80 are withdrawn.

This election is made without traverse.

If the Examiner believes certain amendments are necessary to clarify the present claims or if the Examiner wishes to resolve other issues by way of a telephone conference, the Examiner is kindly invited to contact the undersigned attorney at the telephone number indicated below.

Applicant respectfully requests reconsideration and that a timely Notice of Allowance be issued in this case.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'B. P. Galloway', is written over a horizontal line.

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